

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 112  | ((integrated adj circuit) or "IC") and ((non adj float\$4) or (non-float\$4)) and logic   | USPAT                                       | OR               | OFF     | 2005/04/07 15:03 |
| L2    | 159  | ((integrated adj circuit) or "IC") and ((non adj float\$4) or (non-float\$4)) and logic   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/07 15:03 |
| L3    | 52   | 2 and (terminal and (solder or ball or pad))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/07 15:04 |
| L4    | 9    | 3 and (capacitor and (insulat\$4 or dielectric))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/07 15:17 |
| L5    | 4    | "6686659"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/07 15:17 |
| L6    | 7    | ("4273859"   "5808853"   "6094090"   "6175345"   "6222246"   "6243311"   "6335568").PN.   | US-PGPUB; USPAT; USOCR                      | OR               | OFF     | 2005/04/07 15:21 |
| L9    | 12   | ("3021589"   "3278815"   "3292240"   "3303393"   "3638085"   "3897074"   "4071878"   "4104697").PN.   | US-PGPUB; USPAT; USOCR                      | OR               | OFF     | 2005/04/07 15:26 |
| L10   | 20   | ("4439813").URPN.   | USPAT                                       | OR               | OFF     | 2005/04/07 15:25 |
| L11   | 32   | 3 not (4 5 6 7 9 10)  | USPAT                                       | OR               | OFF     | 2005/04/07 15:28 |
| L12   | 2    | 11 and decoupl\$4   | USPAT                                       | OR               | OFF     | 2005/04/07 15:27 |
| S1    | 290  | substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR               | ON      | 2004/10/28 16:10 |
| S2    | 59   | seshan-krishna.in.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR               | ON      | 2004/10/25 17:23 |
| S3    | 24   | ("4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.                         | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR               | ON      | 2004/10/25 17:23 |
| S4    | 3    | seshan-krishna.in. and ("IC" or (integrated adj circuit)) and node and float\$4 and coupl\$4  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR               | ON      | 2004/10/25 17:23 |
| S5    | 1    | (US-20040108596-\$).did   | US-PGPUB                                    | OR               | OFF     | 2004/10/25 17:23 |
| S6    | 1    | US-20040108596-A1.DID. and (float\$4 or (non-float\$4))   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR               | ON      | 2004/10/25 17:23 |
| S7    | 24   | ((4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.) not seshan-krishna.in. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR               | ON      | 2004/10/25 17:23 |
| S8    | 7    | ("4273859" "5808853" "6094090" "6175345" "6222246" "6243311" "6335568").PN.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR               | ON      | 2004/10/25 17:23 |
| S9    | 13   | ("3638083"   "4967950"   "5075965"   "5130779"   "5238176"   "5251806"   "5290732"   "5391514"   "5451274"   "5470787"   "5478420"   "5597469"   "5634268").PN.   | USPAT                                       | OR               | ON      | 2004/10/25 17:23 |

|     |     |   |                                    |    |    |                  |
|-----|-----|---|------------------------------------|----|----|------------------|
| S10 | 287 | ((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:23 |
| S12 | 35  | ((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4)  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:24 |
| S13 | 31  | ((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4)) and (die or chip or "IC" or (integrated adj circuit))   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:31 |
| S14 | 4   | ((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4)) not (((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4)) and (die or chip or "IC" or (integrated adj circuit))) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:32 |
| S15 | 252 | ((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) not (((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4))  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:32 |
| S19 | 182 | ((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) not (((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in. ("4141022" "5605861" "5770490" "5882965" "5937289" "59654 62" "5966632" "5998269" "5998271" "6004837" "6028339" "608 7225" "6146962" "6153476" "6190979" "6200834" "6235574" "6 258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4))) and capacitor.ab.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:34 |

|     |     |  |                                    |    |    |                  |
|-----|-----|--|------------------------------------|----|----|------------------|
| S20 | 164 | ((((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in.(("4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) not (((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in.(("4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4))) and capacitor.ab.) and capacitor.clm.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:34 |
| S21 | 117 | ((((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in.(("4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) not (((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in.(("4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4))) and capacitor.ab.) and capacitor.clm.) and (bump or ball or solder or terminal or pad).clm.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/25 17:35 |
| S22 | 83  | ((((((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in.(("4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) not (((substrate and ((bump or solder or (solder adj ball) or protrusion or protrusion or ball) near2 capacitor) and (dielectric or insulat\$4)) not (seshan-krishna.in.(("4141022" "5605861" "5770490" "5882965" "5937289" "5965462" "5966632" "5998269" "5998271" "6004837" "6028339" "6087225" "6146962" "6153476" "6190979" "6200834" "6235574" "6258659" "6261894" "6261924" "6261933" "6326657" "6531750" "6548871").PN.))) and (float\$4))) and capacitor.ab.) and capacitor.clm.) and (bump or ball or solder or terminal or pad).clm.) and (bump or ball or solder or terminal or pad).ab. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/26 10:18 |
| S23 | 2   | "6466430".URPN.  | USPAT                              | OR | ON | 2004/10/25 18:34 |
| S24 | 19  | ("3280378"   "3346774"   "3492536"   "4300115"   "4332341"   "4626804"   "4654628"   "4658234"   "4945399"   "5216404"   "5379190"   "5539186"   "5557502"   "5621619"   "5661450"   "5760662"   "5923077"   "5977863"   "6005777").PN.  | USPAT                              | OR | ON | 2004/10/25 18:47 |
| S25 | 8   | ("3021589"   "3278815"   "3292240"   "3303393"   "3638085"   "3897074"   "4071878"   "4104697").PN.  | USPAT                              | OR | ON | 2004/10/25 19:06 |
| S26 | 18  | "4439813".URPN.  | USPAT                              | OR | ON | 2004/10/25 19:06 |
| S27 | 3   | substrate and (bump or ball or solder) and (decoupl\$4 adj capacitor) and (selector adj logic)   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/28 16:12 |
| S28 | 6   | substrate and (bump or ball or solder) and (decoupl\$4 adj capacitor) and (select\$4 near3 logic)  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/28 16:12 |
| S30 | 3   | (substrate and (bump or ball or solder) and (decoupl\$4 adj capacitor) and (select\$4 near3 logic)) not (substrate and (bump or ball or solder) and (decoupl\$4 adj capacitor) and (selector adj logic))   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/10/28 16:13 |